



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Li Gao                                  Art Unit : Unknown  
 Serial No. : 10/644,327                              Examiner : Unknown  
 Filed : August 20, 2003  
 Title : METHOD FOR DETERMINING PARAMETERS OF EARTH FORMATIONS  
 SURROUNDING A WELL BORE

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) HALLIBURTON ENERGY SERVICES, INC., a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

- An assignment from the inventors of U.S. Patent Application Serial No. 10/116,472 of which the above-identified application is a continuation. The assignment was recorded in the Patent and Trademark Office at Reel 012763, Frame 0414 on April 4, 2002.
- A chain of title from the inventors of the patent application identified above, to the current assignee as shown below. Copies of the assignments or other documents in the chain of title are attached.

1. From \_\_\_\_\_ to \_\_\_\_\_ recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ on \_\_\_\_\_.
2. From \_\_\_\_\_ to \_\_\_\_\_ recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ on \_\_\_\_\_.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1/6/2004

Date of Deposit

Peggy C. Gray

Peggy C. Gray  
 Typed or Printed Name of Person Signing Certificate

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Attorney's Docket No.: 15903-002002

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints:

Russell N. Rippamonti, Reg. No. 39,521  
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J. Kevin Gray, Reg. No. 37,141  
Joshua A. Griswold, Reg. No. 46,310  
Keith Taber, Reg. No. 46,114  
Ruffin B. Cordell, Reg. No. 33,487

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

**PTO Customer Number: 26231**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Respectfully submitted,

Date: 12/22/03

William E. Shull  
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Title: Vice President and  
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